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% Female Mouse Liver Data
% only one individual data, therefore we can not update the population
uncertainty
% we can only estimate the uncertainty related to this individual
observed data
observed firstT, lastT, firstD, lastD
observed CCC

LI ~ norm(1, 1) I(1e-2, 100)
Vmax ~ unif(-10, 5) %norm(-2.885, 0.833) I(-4.550, -1.220)
Km ~ unif(-10, 5) %norm(-2.554, 0.833) I(-4.219, -0.889)

for i = firstD: lastD % six dose, single data

preds = getpreds(Vmax, Km, CCC(i))

for j = firstT : lastT %six time point
    data(j, i) ~ norm(preds(j), LI)
end

end % of dose loop

end % of gender loop

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